



# MPress-2HA

Auto Metallographic Mounting Press  
(Hydraulic Pressure)



## Contact us

**Mikrosize Precision Instrument Co.,Ltd**

A-4035 RuiFeng Business Expo, Wuhu City, China , 241000.

Web:[www.mikrosize.com](http://www.mikrosize.com)

Email: [mikrosize@mikrosize.com](mailto:mikrosize@mikrosize.com)



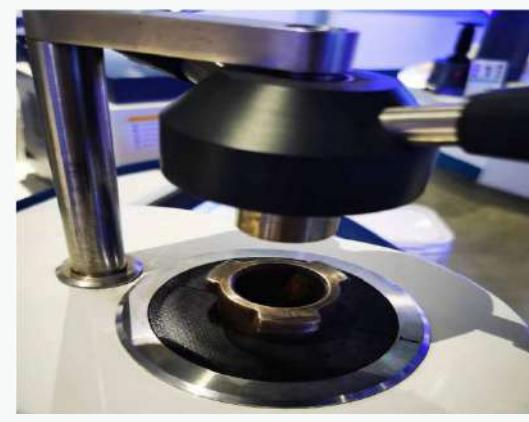
Web:[www.mikrosize.com](http://www.mikrosize.com)

Email:[mikrosize@mikrosize.com](mailto:mikrosize@mikrosize.com)

## Product Feature&Application

### Product Feature

- MPress-2HA is an advanced hydraulic water-cooling automatic sample mounting press.
- Controlled by the one-chip computer program, which realizes the one-key operation of heating, loading, holding, cooling and unloading process.
- The sample mounting is automatically completed without operator on duty.
- The machine adopts hydraulic pump with higher pressure, which makes the sample more compact.
- Lengthened cavity and so two samples can be completed at the same time divided by middle block. Unique cold and heat separation design Plus emergency stop. button makes it more safe and stable.
- Dual control of high-definition touch screen and physical keys, various mounting scheme can be saved.
- With water cooling system, it can finish two samples mounting in 7 minutes at the soonest.



### Product Application

Mounting is a very important process of metallographic sample preparation, especially for some difficult holding tiny samples, irregularly shaped samples, and what needs for protecting edge or automatic grinding and polishing, mounting is an essential procedure before sample preparation.



## User Friendly

Both touch screen and keyboard design for easy operating, all regularly used functions are on the front screen without complicated menus, store 10 parameters and recall with a single touch.

**Mikrosize®**

**MOUNTING PRESS**  
**MPress-2HA**

**WELCOME**

*WUHU MIKROSIZE PRECISION INSTRUMENT CO.,LTD*

**MPress-2HA**

Heat Time 15 : 15      Pressure 100 bar

Hold Time 15 : 15      Temperature 100 °C

Cool Time 15 : 15

Total Time 15 : 15      **SET**

**UNLOCK**      **START**      **UP**      **DOWN**

**OPERATION MODE**

**Temperature Mode**

**Time Mode**

**Start Heating**      **Stop Heating**      **Start Cooling**      **Stop Cooling**

**TIME MODE**

Pressure:      bar      Hold Time:      :

Heat Time:      :      Process No.:

Cool Time:      :

**Call**      **Save**      **OK**      **Return**

**TEMPERATURE MODE**

Pressure:      bar      Temperature:      °C

Min. Heat Time:      :      Cool Temperature:      °C

Min. Cool Time:      :      Process No.:

Hold Time:      :

**Call**      **Save**      **Ok**      **Return**

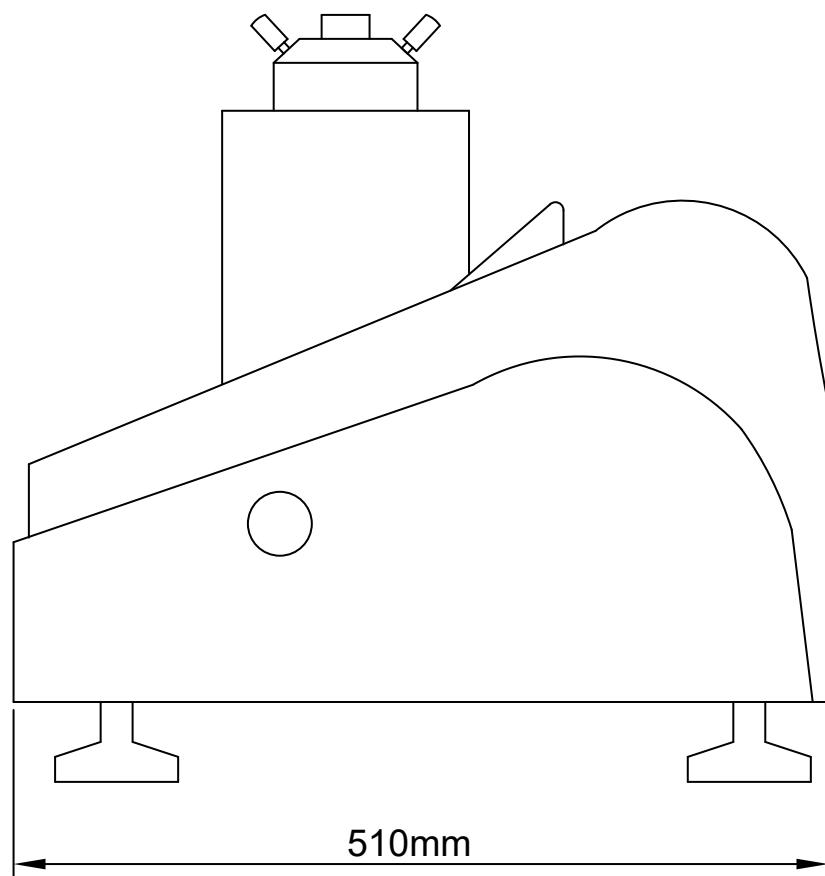
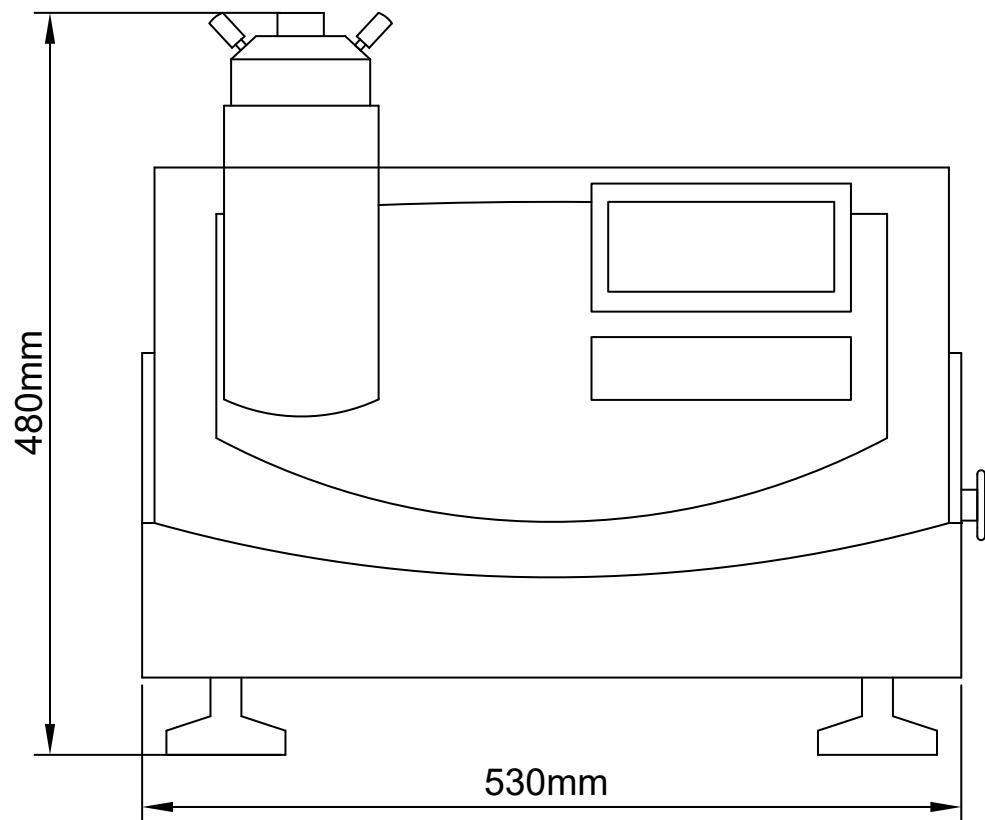
## Ordering Information



### MPress-2HA Auto Metallographic Mounting Press

Φ25mm Mounting Diameter  
Φ30mm Mounting Diameter  
Φ40mm Mounting Diameter

# Instrument Dimension





# Technical Specification

Model	MPress-2HA
Product Name Mould	Automatic Metallographic Mounting Press
Diameter Cavity	Φ25mm, Φ30mm, Φ40mm (Choose one)
Height	140mm, effective 85mm, mounting two samples at the same time
Heating Power	Φ25mm: 1KW Φ30mm 1.8KW Φ40mm 2.4KW
Pressure	50~200bar (150bar ex-factory set, equivalent to 15Mpa, 150kgf/cm <sup>2</sup> )
Heating Temperature	50~180 °C (120 °C ex-factory set)
Heating Time Dwell	1~7min (4min30s ex-factory set)
Time	30s~7min (1min ex-factory set)
Cooling Time	1~30min (2min ex-factory set)
Total Time	7min30s for two samples Φ30mm, 9min for two samples Φ40mm
Cooling Method	External water source cooling
Power Supply	220V, 50Hz, 10A
Machine Dimensions	530×510×480mm
Net Weight	60Kg

# Standard Delivery

Name	Specification	Qty
Machine Mainframe	/	1 set
Middle Mould Block	/	1 pc
Water Inlet Pipe	/	1 pc
Water Outlet Pipe	Φ10mm	1 pc
Water Inlet Filter	/	1 pc
Hoop	/	1 pc
Bakelite Powder	500g	1 bottle
Measuring Cup	/	1 pc
Inner Hexagon Spanner	5mm	1 pc
Brush	/	1 pc
Usage Instruction Manual	/	1 copy



Bakelite Powder



Bakelite Powder

# Optional Accessories

Name	Specification
Thermosetting Mounting Material	Black, White, Green, Red
Conductive Mounting Material	Black
Circulating Cooling System	Customized.
Sample Holder	Customized.



Thermosetting Mounting Material



Conductive Mounting Material



Sample Holder